

ABSTRACT

A device, potentially implantable in a living organism, intended to utilize at least a part of the hydraulic energy generated by the heart (10) - the primary unit - at the natural phases of work when the cavities of the heart (11, 12 and 16, 17) are filled with blood. The device includes at least one secondary unit (24), which is connectable to the cardiovascular system of the organism and arranged to utilize said hydraulic energy. The secondary unit is represented by at least one hydraulic motor (24a) arranged to transfer the hydraulic energy to a transferal organ (28). The transferal organ (28) is arranged to influence at least one tertiary unit, for example an executive device (29), which is constructed in order to convert the transferred energy to an alternative form of energy, with the purpose to influence certain defined functions within the organism. Preferably is arranged a regulating device (30) in order to control running parameters of the unit.